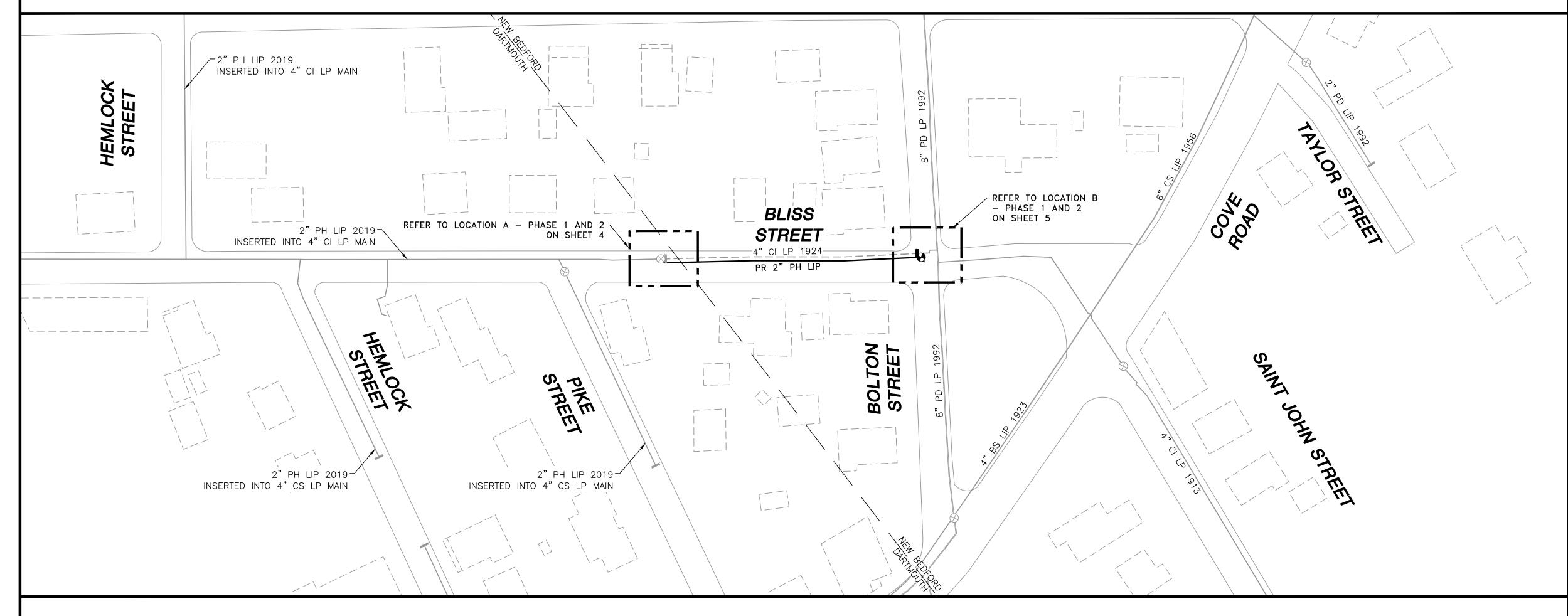
MASSACHUSETTS COORDINATE SYSTEM MASSACHUSETTS COORDINATE SYSTEM MORTH AMERICAN DATUM 1983 (NAD 83)

EVERS URCE ENERGY

BLISS STREET MAIN RELAY
INSTALLATION OF 220' OF 2" PH LIP GAS MAIN
BLISS STREET
NEW BEDFORD, MASSACHUSETTS
ENE PROJECT #: 2005881.67
EVERSOURCE PROJECT #: 02311590





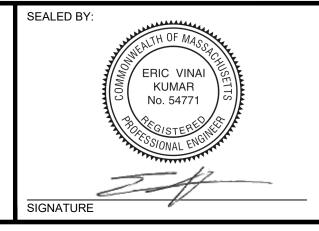


SHEET INDEX				
SHEET NUMBER	DESCRIPTION			
1	SITE PLAN, LOCUS PLAN AND SHEET INDEX			
2	GENERAL NOTES			
3	INSTALLATION PLAN			
4	LOCATION A - PHASE 1, 2 AND SCHEDULE OF MATERIALS			
5	LOCATION B - PHASE 1, 2 AND SCHEDULE OF MATERIALS			
6	STANDARD CORROSION DETAILS			

SITE PLAN

NEW BEDFORD, MASSACHUSETTS
(SCALE: 1"=50')
(DO NOT SCALE FROM DRAWINGS)

ISSUED FOR CONSTRUCTION 12/23/2020



LICENSE EXPIRATION:	EN engineering
SEALED ON: 12/27/2020	DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFE' STANDARDS AND GPTC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPIN SYSTEMS. LATEST EDITION.

06/30/2022

29 BARTLETT STREET MARLBOROUGH, MA 01752 TEL. (630) 353-4000 FAX (630) 535-7777 WWW.ENENGINEERING.COM FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION
SC

0 ISSUED FOR CONSTRUCTION 12/23/2020 TG/AB/EK
NO. DESCRIPTION DATE DW/CK/AP
REVISION STATUS

EVERS URCE

BLISS STREET MAIN RELAY
NEW BEDFORD, MASSACHUSETTS
SITE PLAN, LOCUS PLAN AND SHEET INDEX

SCALE: AS NOTED		SHEET 1	OF 6
DRAWN BY / DATE	CHECKED BY / DATE	SHEET NUMBER	REV. NO.
TG 12/10/2020	AB 12/23/2020		
APPROVED BY / DATE EK 12/23/2020	MANEB21PIP030R0	MA-NEB-21-PIP-030-01	0

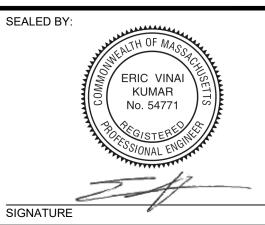
GENERAL NOTES

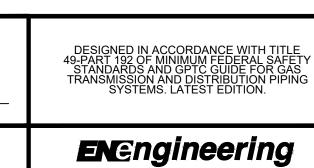
- 1. IF ANY OF THE FOLLOWING OCCUR A DRAWING REVISION IS REQUIRED AND MUST BE APPROVED AND/OR STAMPED BY THE ENGINEER OF RECORD. CHANGES CAN BE APPROVED AND/OR STAMPED BY A PROJECT ENGINEER, BUT THE ENGINEER OF RECORD MUST BE INFORMED.
 - A. IF THE TIE IN POINT MOVES TO A DIFFERENT SEGMENT OF PIPE THAN SHOWN
 - B. IF A CHANGE IN THE LOCATION OF VALVES IS REQUIRED
 - C. IF THERE IS ANY CHANGE TO WHAT IS SHOWN ON THE DRAWING WITHIN 50 FT OF A
 - PRESSURE REGULATING STATION, DISTRICT REGULATOR, OR GATE STATION D. IF A CHANGE IN PIPE SIZE, MATERIAL, FITTINGS, OR WALL THICKNESS IS REQUIRED.
- 2. MINOR CHANGES SUCH AS OFFSETS MAY NOT REQUIRE DRAWING CHANGES.
- 3. EXCAVATOR SHALL CALL DIGSAFE/CALL BEFORE YOU DIG (DIAL 811) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION. SATURDAYS, SUNDAYS, AND HOLIDAYS ARE EXCLUDED FROM THE 72-HOUR TIME SPAN, NOT CONSIDERED BUSINESS WORKDAYS.
- 4. CONSTRUCTION DRAWINGS ARE BASED ON EVERSOURCE HISTORICAL DOCUMENTATION AND HAVE NOT BEEN FIELD VERIFIED. WHEN THE PIPE IS EXPOSED AND VARIANCES TO THE CERTIFIED DRAWINGS ARE FOUND, CONTACT GAS ENGINEERING TO DETERMINE PATH FORWARD.
- 5. ALL WORK SHALL BE PERFORMED PER EVERSOURCE, LOCAL, STATE, OSHA, AND FEDERAL REGULATIONS AND STANDARDS.
- 6. MATERIAL AND CONSTRUCTION SHALL CONFORM TO EVERSOURCE GAS STANDARDS.
- 7. THE LOCATIONS OF EXISTING UTILITIES AND UNDERGROUND STRUCTURES ARE APPROXIMATE AND MUST BE FIELD VERIFIED. ADDITIONAL UNDERGROUND FACILITIES MAY EXIST THAT ARE NOT SHOWN ON THESE DRAWINGS WHICH MAY REQUIRE ADDITIONAL OFFSETS IN THE PIPELINE.
- 8. WORK LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. EXACT LOCATIONS OF TIE-INS SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION TO SUIT FIELD CONDITIONS AT THE SPECIFIC TIE-IN POINT. VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY TIE-IN WORK.
- 9. ALL LIVE GAS WORK INCLUDING BUT NOT LIMITED TO TAPPING OF FITTINGS ON LIVE MAINS, STOPPING, MANIPULATING VALVE, ABANDONMENT, SHALL BE PERFORMED BY, OR AT THE DIRECTION AND UNDER THE DIRECT SUPERVISION OF EVERSOURCE GAS PERSONNEL AND IN ACCORDANCE WITH THE WRITTEN PROCEDURE. DRAWING CHANGES MAY ALSO REQUIRE A CHANGE TO THE PROCEDURE.
- EXCAVATOR IS REQUIRED TO PROTECT EXISTING UTILITIES, STRUCTURES, LANDSCAPE FEATURES, SIGNAGE, CURBS, ETC. CARE SHOULD BE TAKEN NOT TO DISTURB OR DAMAGE SUCH ROADWAY, SIDEWALKS, AND GRASS DISTURBED SHALL BE RESTORED TO THE SATISFACTION OF THE CITY OR TOWN. PLANT BEDS WILL BE RELOCATED TO THEIR EXISTING REGULAR LOCATION.
- 11. IF THE PROJECT IS WITHIN 50 FEET OF A DISTRICT REGULATOR OR GATE STATION, ENSURE THAT A QUALIFIED I&R TECHNICIAN IS ON SITE.
- 12. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), INCLUDING ALL REVISIONS AND ADDENDA. ALL TRAFFIC CONTROL DEVICES WILL BE SUPPLIED BY EXCAVATOR.
- 13. PROPERTY LINES, STRUCTURES AND EXISTING CONDITIONS DEPICTED ON PLANS ARE BASED ON EVERSOURCE GIS INFORMATION AND HAVE NOT BEEN VERIFIED BY LAND SURVEY UNLESS NOTED.
- 14. EXISTING SERVICES SHOWN ON PLAN ARE FOR INFORMATION ONLY. PROPOSED SERVICES ARE NOT SHOWN ON PLANS AND ARE TO BE INSTALLED PER EVERSOURCE CONSTRUCTION STANDARDS.
- 15. PROPOSED WORK SHALL BE PERFORMED AND COMPLETED IN COMPLIANCE WITH ALL PERMITS AND APPROVALS.
- 16. MAINS AND SERVICES SHALL BE PRESSURE TESTED IN ACCORDANCE WITH EVERSOURCE OM-205.
- 17. MAOP:

LP = 14" W.C. LIP = 35 PSIG IP = 60 PSIG HP = 90 PSIG

- 18. ALL WORK SHALL BE PERFORMED PER EVERSOURCE, LOCAL, STATE AND FEDERAL REGULATIONS AND STANDARDS.
- 19. ALL PIPE WILL BE INSTALLED WITH A MINIMUM DEPTH IN ACCORDANCE WITH EVERSOURCE STANDARDS
- 20. SQUEEZE OPERATIONS SHOULD BE COMPLETED IN ACCORDANCE WITH OM-233
- 21. ENSURE ALL SERVICES BEING TRANSFERRED TO A HIGHER PRESSURE SYSTEM HAVE UPGRADED PRESSURE REGULATORS INSTALLED PRIOR TO ACTIVATION.
- 22. ENSURE VALVES ON EXISTING MAIN, WHERE PROPOSED MAIN WILL BE INSERTED HAVE BEEN MADE INOPERABLE.
- 23. ADDITIONAL VALVES AND TEES THAT ARE INCLUDED IN THE SCHEDULE OF MATERIALS MAY BE INSTALLED TEMPORARILY WHEN NEEDED TO FACILITATE TIE-INS AND PURGES.
- 24. METFIT FITTINGS MAY BE SUBSTITUTED FOR ELECTROFUSION FITTINGS WHERE NEEDED.
- 25. DO NOT SCALE FROM DRAWINGS.

ISSUED FOR CONSTRUCTION 12/23/2020





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FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

EK 12/23/2020

0 ISSUED FOR CONSTRUCTION 12/23/2020 | TG/AB/EK NO. DESCRIPTION DATE DW/CK/AP **REVISION STATUS EVERS©**URCE

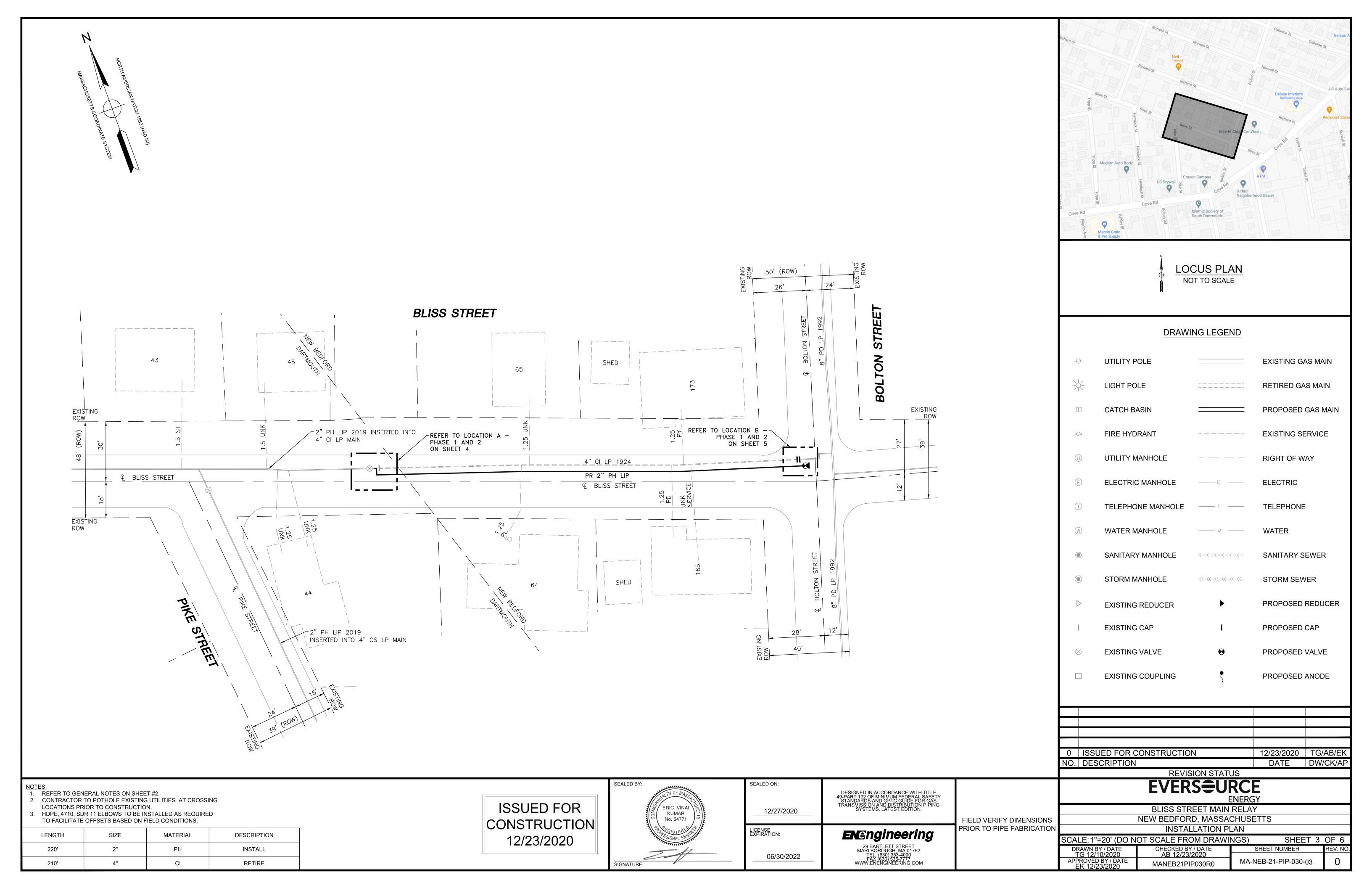
BLISS STREET MAIN RELAY NEW BEDFORD, MASSACHUSETTS **GENERAL NOTES**

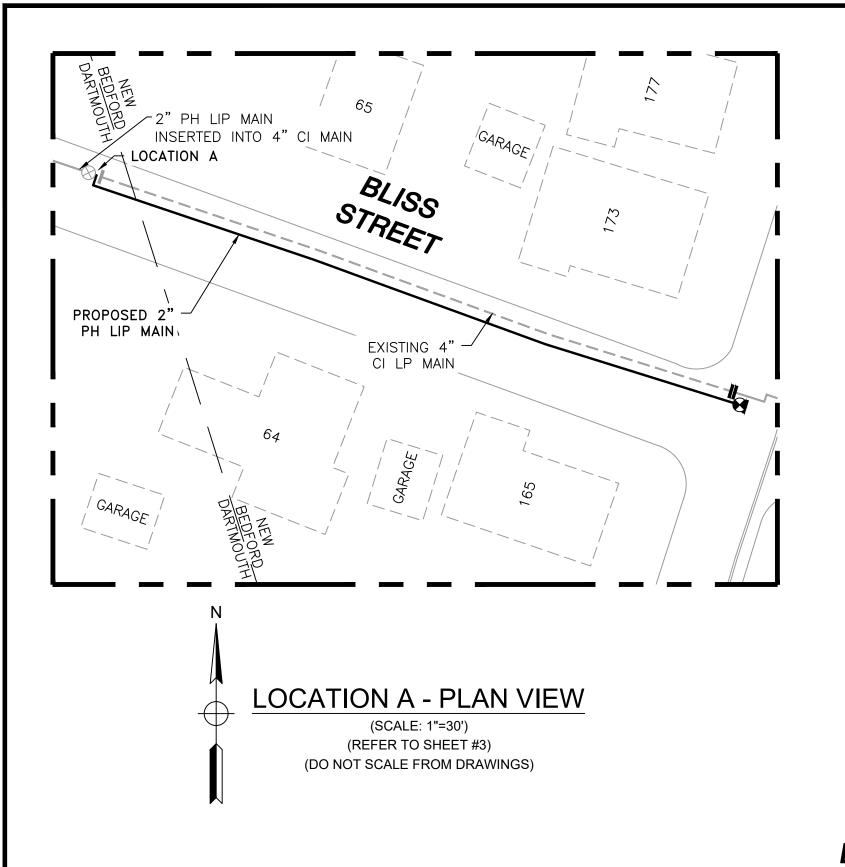
SCALE: NOT TO SCALE SHEET 2 OF 6 CHECKED BY / DATE AB 12/23/2020 SHEET NUMBER MA-NEB-21-PIP-030-02 MANEB21PIP030R0

LICENSE EXPIRATION: 06/30/2022

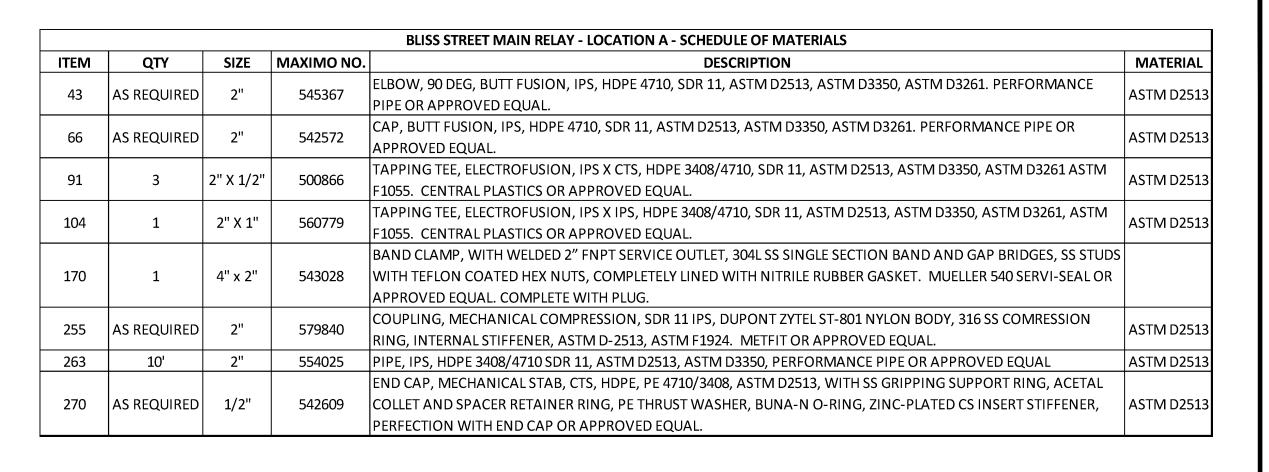
SEALED ON:

12/27/2020

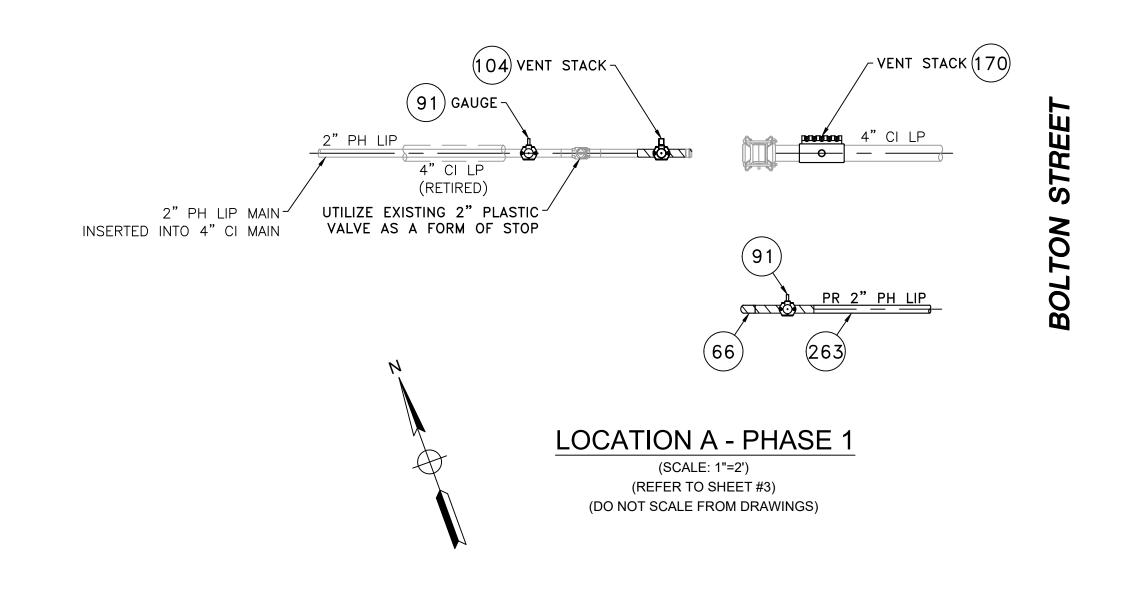




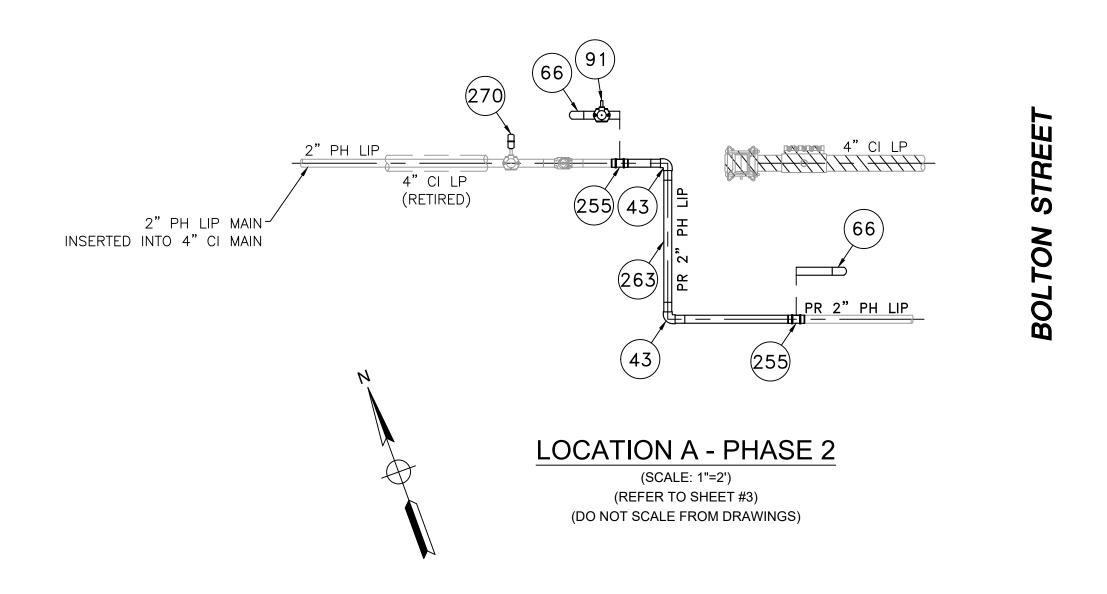
NOTE:
1. REFER TO GENERAL NOTES ON SHEET #2.



BLISS STREET



BLISS STREET



0 ISSUED FOR CONSTRUCTION 12/23/2020 TG/AB/EK NO. DESCRIPTION DW/CK/AF DATE **REVISION STATUS**

SEALED BY: KUMAR

SIGNATURE

12/27/2020 LICENSE EXPIRATION: **EN**Engineering

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SEALED ON:

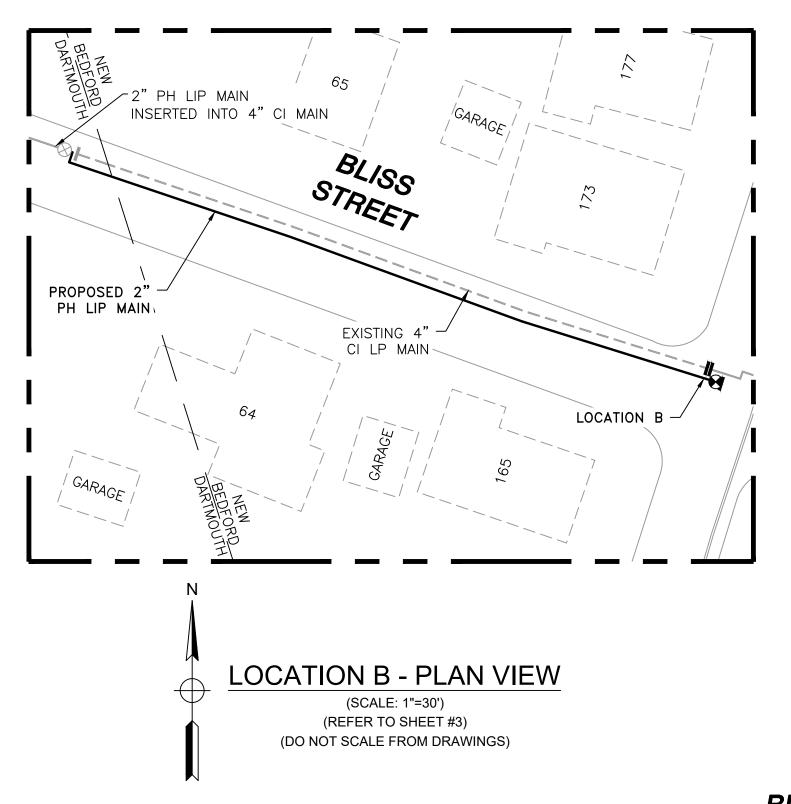
06/30/2022

FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION **EVERSURCE**

BLISS STREET MAIN RELAY NEW BEDFORD, MASSACHUSETTS

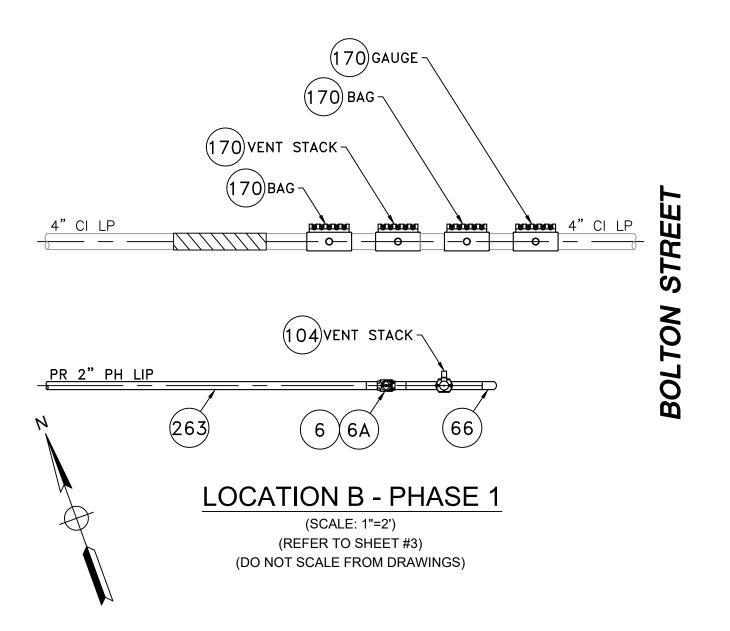
LOCATION A - PHASE 1, 2 AND SCHEDULE OF MATERIALS SCALE: AS NOTED SHEET 4 OF 6 DRAWN BY / DATE TG 12/10/2020 APPROVED BY / DATE EK 12/23/2020 CHECKED BY / DATE AB 12/23/2020 SHEET NUMBER MA-NEB-21-PIP-030-04

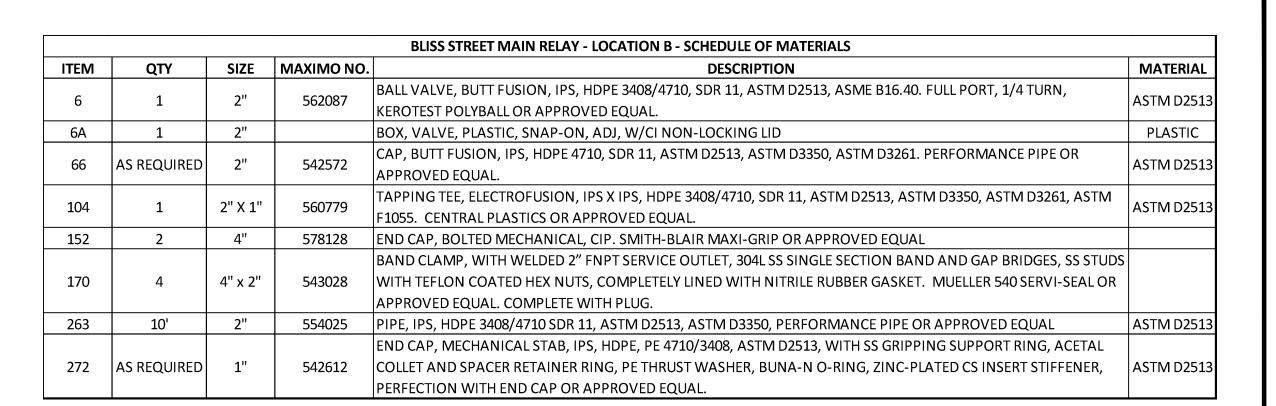
MANEB21PIP030R0



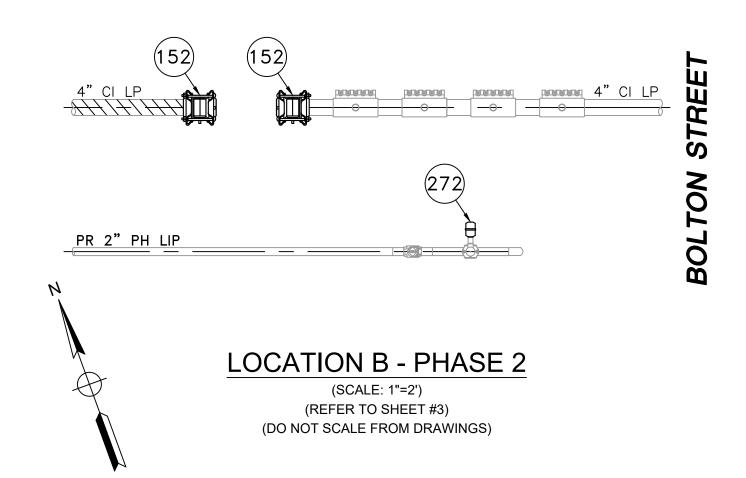
NOTE:
1. REFER TO GENERAL NOTES ON SHEET #2.

BLISS STREET





BLISS STREET



FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

0	ISSUED FOR CONSTRUCTION	12/23/2020	TG/AB/EK			
NO.	DESCRIPTION	DATE	DW/CK/AP			
	REVISION STATUS					

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BLISS STREET MAIN RELAY NEW BEDFORD, MASSACHUSETTS

LOCATION B - PHASE 1, 2 AND SCHEDULE OF MATERIALS SHEET 5 OF 6

12/27/2020 KUMAR LICENSE EXPIRATION: 06/30/2022 SIGNATURE

SEALED ON:

SEALED BY:

ENEngineering

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SCALE: AS NOTED DRAWN BY / DATE TG 12/10/2020 APPROVED BY / DATE EK 12/23/2020 CHECKED BY / DATE AB 12/23/2020

SHEET NUMBER MA-NEB-21-PIP-030-05 MANEB21PIP030R0

